

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15694	(gfi gfli (ground adj fault) (ground adj fault adj interrupter) (ground adj fault) (line adj fault) (line adj fault adj interrupter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 08:12
L2	93	1 same ("OR" ADJ GATE)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 08:13
L5	12	1 and ((proximate close "near") same flammable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 08:58
L6	402	1 and ((proxim\$3 close "near" around) same (flammable fire explo\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:00
L7	109	1 same ((proxim\$3 close "near" around) same (flammable fire explo\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:29
L8	29	1 same (fault adj current adj greater)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:34
L10	1	1 and (ground adj fault adj current adj greater) and (line adj fault adj current adj greater)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:35
L11	23	1 and (ground adj fault adj current adj greater)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:38

## EAST Search History

L12	1	1 and (line adj fault adj current adj greater)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:39
L13	1	1 and (line adj fault adj greater)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:39
L14	2	1 and (line adj fault adj current adj (greater higher over more))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:42
L15	77	1 and ((fault adj current adj (greater higher over more))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:44
L17	8	1 and ((line adj fault adj current) same (amp amperes))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:49
L18	3	1 same (adjust\$3 adj freq\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:52
L19	14	1 same ((chang\$3 adjust\$3 modify\$3) adj freq\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:57
L20	1	1 same ((chang\$3 adjust\$3 modify\$3) adj freq\$5) and (trip adj time) and false	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:58

## EAST Search History

L21	5	1 and ((chang\$3 adjust\$3 modify\$3) adj freq\$5) and (trip adj time) and false	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:00
L23	790	freq\$5 same (trip adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:01
L24	114	freq\$5 same (trip adj time) same adjust\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:05
L25	21	(trip adj time) same adjust\$3 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:08
L26	62	(trip adj time) same (adjust\$3 chang\$3 modify\$3 feed\$3) same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:09
L27	16	(trip adj time) same (adjust\$3 chang\$3 modify\$3 feed\$3) same filter and protec\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:36
L28	8	1 and (false adj trip) same adjust\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 11:13
L29	6	1 same (sum adj faults)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:11

## EAST Search History

L30	220	(ground adj fault) same (line adj fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:12
L31	67	(ground adj fault) same (line adj fault)same (circuit adj breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:13
L33	1	(ground adj fault) same (line adj fault)same (circuit adj breaker) same board	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:14
L34	56	(ground adj fault) same (line adj fault)same (circuit adj breaker) same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:15
L35	1140818	(ground adj fault) same (line adj fault)same (circuit adj breaker) same current detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:15
L36	12	(ground adj fault) same (line adj fault)same (circuit adj breaker) same current same detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:16
L37	2	(ground adj fault) same (line adj fault)same (circuit adj breaker) same current same detector same (smaller lower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:17
S1	1446	361/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:02

## EAST Search History

S2	775	439/660.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:02
S3	1	S2 and gfi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:03
S4	2947	439/607.ccls. 439/609.ccls. 439/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:06
S6	2948	S3 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:07
S7	7	S6 and (gfi (ground adj fault) (ground adj fault adj interrupter) interrupter (ground adj fault))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 08:10
S8	3	S6 and (gfi (ground adj fault) (ground adj fault adj interrupter) interrupter (ground adj fault)) and pins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:11
S9	14	"4159499"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 12:33
S10	775	439/660.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46

## EAST Search History

S11	1	S10 and gfi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S12	2947	439/607.ccls. 439/609.ccls. 439/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S13	2948	S11 S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S14	24	S13 and (connect\$3 adj through adj holes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:52
S15	2	S13 and ((connect\$3 near through near holes) and relays)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:54
S16	1	S13 and ((connect\$3 near holes) and relays)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:54
S17	24	S13 and ((connect\$3 same holes) and relays)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:55
S18	4	S13 and ((connect\$3 same holes) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:56

## EAST Search History

S19	7	S13 and ((connect\$3 same (aperture, breach, break, burrow, cave, cavern, cavity, chamber, chasm, chink, cistern, cleft, covert, crack, cranny, crater, cut, den, dent, depression, dimple, dip, excavation, eyelet, fissure, foramen, fracture, gap, gash, gorge, hollow, hovel, keyhole, lacuna, lair, leak, mouth, nest, niche, nick, notch, orifice, outlet, passage, peephole, perforation, pit, pocket, pockmark, puncture, rent, retreat, scoop, shaft, shelter, space, split, tear, tunnel, vacuity, vent, void, window,holes)) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:00
S20	3	S13 and ((connect\$3 same (aperture, breach, break, burrow, cave, cavern, cavity, chamber, chasm, chink, cistern, cleft, covert, crack, cranny, crater, cut, den, dent, depression, dimple, dip, excavation, eyelet, fissure, foramen, fracture, gap, gash, gorge, hollow, hovel, keyhole, lacuna, lair, leak, mouth, nest, niche, nick, notch, orifice, outlet, passage, peephole, perforation, pit, pocket, pockmark, puncture, rent, retreat, scoop, shaft, shelter, space, split, tear, tunnel, vacuity, vent, void, window,holes)) same relay) and (bolt screw fastener)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:05
S21	2	S13 and ((connect\$3 same (aperture, breach, break, burrow, cave, cavern, cavity, chamber, chasm, chink, cistern, cleft, covert, crack, cranny, crater, cut, den, dent, depression, dimple, dip, excavation, eyelet, fissure, foramen, fracture, gap, gash, gorge, hollow, hovel, keyhole, lacuna, lair, leak, mouth, nest, niche, nick, notch, orifice, outlet, passage, peephole, perforation, pit, pocket, pockmark, puncture, rent, retreat, scoop, shaft, shelter, space, split, tear, tunnel, vacuity, vent, void, window,holes)) same relay) and (bolt screw fastener) and (module ic board chip circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:06

## EAST Search History

S22	489	relay same socket same module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:17
S23	3	relay near socket near module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:17
S24	55	relay same socket same module and hole same (bolt screw fastener)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:21
S25	10	relay same socket same module same pin and hole same (bolt screw fastener)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:25
S26	6	relay same socket same module same pin and hole same (bolt screw fastener) and protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:36
S27	25	relay same socket same module and hole same (bolt screw fastener) and protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:36
S28	15	"3909505"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:09
S29	1	"3909505" and relay and socket and module and fastener and hole and plurality and interconnect\$3 and plug and electric\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:22



## EAST Search History

S30	1	"3909505" and relay and socket and module and fastener and hole and plurality and interconnect\$3 and plug and electric\$3 and terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:23
S36	783	(alarm\$3 indicat\$3 signal\$3 puls\$3 alert\$3 beep\$3 light\$3 led) AND (gfli gfi (ground adj fault) (line adj fault)) AND (reset same test)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 18:36
S37	268	(alarm\$3 indicat\$3 signal\$3 puls\$3 alert\$3 beep\$3 light\$3 led) AND (gfli gfi (ground adj fault) (line adj fault)) AND (reset same test) AND MODULE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 18:37
S39	7	(alarm\$3 indicat\$3 signal\$3 puls\$3 alert\$3 beep\$3 light\$3 led) AND (gfli gfi (ground adj fault) (line adj fault)) AND (reset same test) AND MODULE AND FLAMMABLE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 18:40
S40	6	(alarm\$3 indicat\$3 signal\$3 puls\$3 alert\$3 beep\$3 light\$3 led) AND (gfli gfi (ground adj fault) SAME (line adj fault)) AND (reset same test) AND MODULE AND FLAMMABLE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 18:40
S41	1	relay adj socket adj module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 10:15
S42	2	(relay adj socket) near (module modular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 10:15
S43	26	"5000692"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 10:20

## EAST Search History

S49	3	S43 and relay and socket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 10:59
S50	2	S43 and relay and socket and plurality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 10:59
S51	14	"4159499"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/19 12:12